AZ Interoperable Channels Plan & Priority Programming Guides

Presentation to
Public Safety Communications Advisory Commission

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Outline

- SIEC Activities

- Channel Nomenclature Standard

- Priority Programming Guides

- Impact on AIRS SOP; Update Approved by SIEC

- Request for PSCC Approval of Updated AIRS SOP

SIEC Activities

- The administration of the VHF, UHF and 700 MHz interoperable channels are the responsibility of the SIEC.

  [Note: The administration of the interoperable portion of the 800 MHz spectrum is the responsibility of the 800 MHz NPSPAC AZ Regional Review Committee.]

- The SIEC formed a Channel Planning Workgroup.

- The Workgroup developed a Channel Plan and Priority Programming Guides.

- The Priority Programming Guides were approved by SIEC.

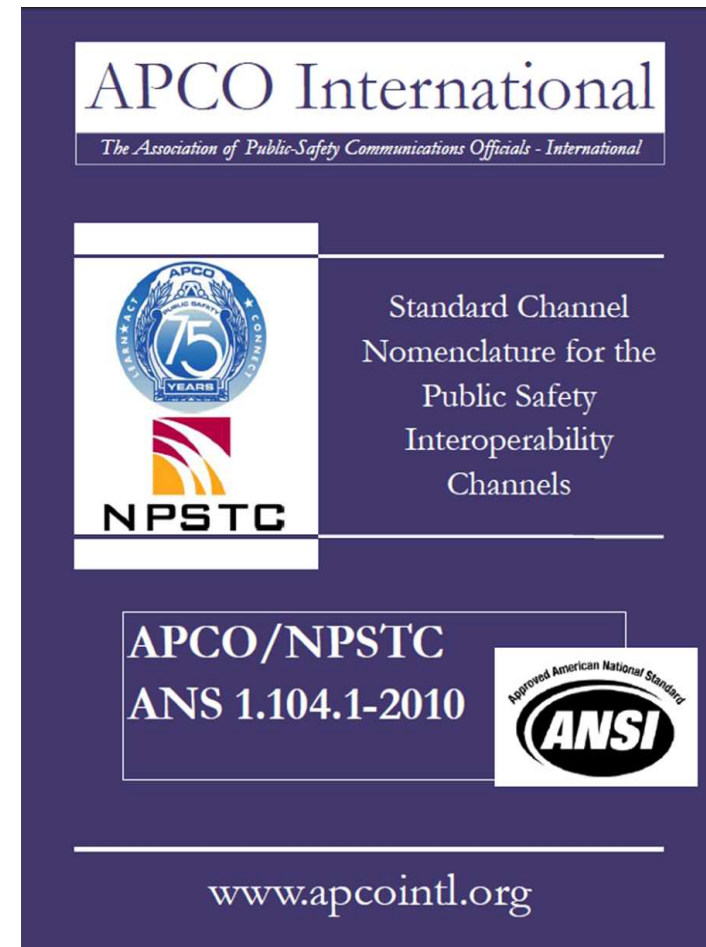- The Channel Plan is still under development.

SIEC Activities

- Interoperable Channel Priority Programming Guides (for all spectrums) were developed by the Workgroup. *[Note: The 800 MHz Regional Review Committee is prepared to append our updated Plan to our Region's Plan in the CAPRAD database.]*

- The Workgroup utilized the NCC, NPSTC & FCC standards and reviewed the NIFOG and FOGs from other states.

- The Workgroup gave formal updates to the SIEC on Progress at the August 17th and October 19th SIEC meetings.

- The Priority Programming Guides were approved by SIEC on October 19th.

- Minor changes to the Channel Plan are under development and will be presented to SIEC for approval in January 2011.

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- On June 9, 2010, Standard Channel Nomenclature for Public Safety Interoperability Channels was approved by the American National Standards Institute (ANSI)

- Implements a common set of channel names so all responders to an incident:

  - Know the channel to which they should tune their radios

  - Know the band and primary use for the channel based on the channel name

APCO International
The Association of Public-Safety Communications Officials - International

Standard Channel Nomenclature for the Public Safety Interoperability Channels

NPSTC

APCO/NPSTC
ANS 1.104.1-2010

Approved American National Standard
ANSI

www.apcointl.org

Priority Programming Guides

- See Handout for the approved guides.

- There are 16 channels for each band – VHF, UHF, 700 MHz and 800MHz.

- The AIRS channels are listed first and a set of CALL, TAC, LAW, FIRE & MED follow.

- For some bands, there are open channels for local mutual aid setup.

- The Fire and Mutual Aid channel VFIRE21 (154.280) has been incorporated into the Channel Plan.

- The use of narrowbanding is recommended to help establish the conversion as a priority.

- We are hopeful that the requirement for narrowbanding and the need to prepare for NECP Goal Two can help accelerate the programming of local radios in accordance with the Interoperable Channel Programming Guides.

AIRS SOP Changes

- The AIRS SOP needs to be changed to mirror the Guides. Changes needed include:
  - Reordering the AIRS channels to start with AIRS1 versus AIRSAZ.
    - AIRS1, AIRS2, AIRS3, AIRS4, AIRS5 and AIRSAZ

      - Versus -
    - AIRSAZ, AIRS1, AIRS2, AIRS3, AIRS4 and AIRS5
  - Note: This does not change the AIRS geography assignments (For example, Flagstaff is still AIRS2).
  - Conversion to the use of NPSTC naming conventions (For example, VTAC1 is converted to VTAC11).
  - Representing the AIRS channels as Narrowbanded.

- The updated AIRS SOP has been approved by the SIEC.

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For Additional Information

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